

REMARKS

Claims 1-2, 4-6, 9, and 11-24 are now pending in the application. The Examiner is respectfully requested to reconsider and withdraw the rejections in view of the amendments and remarks contained herein.

SPECIFICATION

The title of the specification stands objected to. Applicant has amended the title. Reconsideration and withdrawal of this objection are respectfully requested.

CLAIM OBJECTIONS

Claims 13-17 stand objected to for certain informalities. Applicant has amended claim 13 to clarify the meaning of the terminology indicated by the Examiner. Therefore, claims 13-17 should now be in condition for allowance.

REJECTION UNDER 35 U.S.C. § 103

Claims 1-2 and 4-6 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Javanifard et al (U.S. Pat. No. 5,767,735) in view of Yang (U.S. Pat. No. 6,282,108). This rejection is respectfully traversed.

Applicant has amended claim 1 to recite "a control input terminal connected to at least one of the two driving circuits, wherein the control input terminal receives a mode signal that indicates one of a first mode and a second mode." The Examiner alleges that control input for switches 130/131 of Javanifard discloses a control input terminal. However, at best Javanifard discloses that the charge pump 100 includes a control input terminal that determines the positions of the switches 130/131. Javanifard does not teach or disclose a control input terminal connected to at least one of two driving circuits. The Examiner further alleges that Yang teaches driving two charge pumps

with non-overlapping clock signals. However, Yang does not teach or disclose a control input terminal connected to at least one of two driving circuits. Neither Javanifard nor Yang, singly or in combination, teaches or discloses the subject matter of claim 1. Therefore, Applicant believes that independent claim 1 and its corresponding dependent claims are now in condition for allowance.

Claims 7-9 and 12 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Banba et al (U.S. Pat. No. 6,128,242) in view of prior art Figures 6 and 8. This rejection is respectfully traversed.

Claims 7-9 and 11 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Fujioka (U.S. Pat. No. 6,020,781) in view of the admitted prior art Figures 6 and 8. This rejection is respectfully traversed.

Applicant has cancelled claims 7, 8, and 10 and added new independent claim 24. Claim 24 recites the allowable subject matter of claim 10 and claims 7 and 8. Therefore, neither Banba, Fujioka, nor the admitted prior art figures, either singly or in combination, teach or disclose the subject matter of claim 24. Claims 9, 11, and 12 depend from new claim 24. Applicant respectfully submits that independent claim 24, along with its corresponding dependent claims, is now in condition of allowance.

ALLOWABLE SUBJECT MATTER

The Examiner states that claim 10 would be allowable if rewritten in independent form. Accordingly, Applicant has cancelled claims 7, 8, and 10 and added new claim 24 that includes the limitations of these claims. Therefore, claim 24 should now be in condition for allowance.

The Examiner states that claims 13-17 would be allowable if rewritten or amended to overcome the objection set forth above. Accordingly, Applicant has amended claim 13 and therefore, claims 13-17 should now be in condition for allowance.

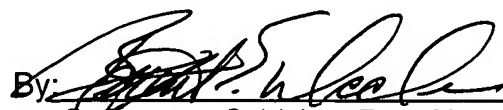
The Examiner states that claims 18-23 have been allowed, for which the Applicant thanks the Examiner.

CONCLUSION

It is believed that all of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider and withdraw all presently outstanding rejections. It is believed that a full and complete response has been made to the outstanding Office Action, and as such, the present application is in condition for allowance. Thus, prompt and favorable consideration of this amendment is respectfully requested. If the Examiner believes that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at (248) 641-1600.

Respectfully submitted,

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